

Hydric Soils List

FIELD OFFICE TECHNICAL GUIDE Sec. II
HYDRIC SOIL INTERPRETATIONS

Story County, Iowa

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
6: OKOBOJI SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	OKOBOJI	Yes	pothole	2B3,3	YES	NO	YES	6,845
	HARPS	Yes	ground moraine	2B3,3	YES	NO	YES	360
27B: TERRIL LOAM, 2 TO 5 PERCENT SLOPES	TERRIL	No	---	---	---	---	---	3,938
	OTHER	No	flood plain	---	---	---	---	207
27C: TERRIL LOAM, 5 TO 9 PERCENT SLOPES	TERRIL	No	---	---	---	---	---	430
34C: ESTHERVILLE SANDY LOAM, 2 TO 9 PERCENT SLOPES	ESTHERVILLE	No	---	---	---	---	---	425
41B: SPARTA LOAMY FINE SAND, 2 TO 5 PERCENT SLOPES	SPARTA	No	---	---	---	---	---	530
41C: SPARTA LOAMY FINE SAND, 5 TO 9 PERCENT SLOPES	SPARTA	No	---	---	---	---	---	520
41D: SPARTA LOAMY FINE SAND, 9 TO 14 PERCENT SLOPES	SPARTA	No	---	---	---	---	---	104
	STORDEN	No	---	---	---	---	---	12
52B: BODE CLAY LOAM, 2 TO 5 PERCENT SLOPES	BODE	No	---	---	---	---	---	615
54: ZOOK SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	ZOOK	Yes	flood plain	4,2B3	YES	YES	NO	1,919
	OTHER	Yes	oxbow	2B3,3	YES	NO	YES	101
55: NICOLLET LOAM, 1 TO 3 PERCENT SLOPES	NICOLLET	No	---	---	---	---	---	47,215
	OTHER	Yes	pothole	3,2B3	YES	NO	YES	2,485
62C3: STORDEN LOAM, 5 TO 9 PERCENT SLOPES, SEVERELY ERODED	STORDEN	No	---	---	---	---	---	385
	SANDY OR GRAVELLY KNOBS	No	---	---	---	---	---	20

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62D: STORDEN LOAM, 9 TO 14 PERCENT SLOPES	STORDEN	No	---	---	---	---	---	537
	ZENOR	No	---	---	---	---	---	28
62D3: STORDEN LOAM, 9 TO 14 PERCENT SLOPES, SEVERELY ERODED	STORDEN	No	---	---	---	---	---	3,667
	SANDY OR GRAVELLY KNOBS	No	---	---	---	---	---	193
62E: STORDEN LOAM, 14 TO 18 PERCENT SLOPES	STORDEN	No	---	---	---	---	---	2,594
	OTHER	No	---	---	---	---	---	136
62E3: STORDEN LOAM, 14 TO 18 PERCENT SLOPES, SEVERELY ERODED	STORDEN	No	---	---	---	---	---	893
	ZENOR	No	---	---	---	---	---	47
62F: STORDEN LOAM, 18 TO 25 PERCENT SLOPES	STORDEN	No	---	---	---	---	---	1,228
	OTHER	No	---	---	---	---	---	68
	STORDEN	No	---	---	---	---	---	68
65F: LINDLEY LOAM, 18 TO 25 PERCENT SLOPES	LINDLEY	No	---	---	---	---	---	162
	OTHER	No	---	---	---	---	---	8
90: OKOBOJI MUCKY SILT LOAM, 0 TO 1 PERCENT SLOPES	OKOBOJI	Yes	pothole	2B3,3	YES	NO	YES	793
	HARPS	Yes	ground moraine	2B3	YES	NO	NO	42
95: HARPS LOAM, 1 TO 3 PERCENT SLOPES	HARPS	Yes	ground moraine	2B3	YES	NO	NO	18,820
	OTHER	Yes	pothole	3,2B3	YES	NO	YES	990
107: WEBSTER CLAY LOAM, 0 TO 2 PERCENT SLOPES	WEBSTER	Yes	ground moraine	2B3	YES	NO	NO	51,975
	OTHER	Yes	pothole	3,2B3	YES	NO	YES	5,775

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108: WADENA LOAM, 24 TO 32 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	WADENA	No	---	---	---	---	---	634
	SANDY OR GRAVELLY KNOBS	No	---	---	---	---	---	70
108B: WADENA LOAM, 24 TO 32 INCHES TO SAND AND GRAVEL, 2 TO 5 PERCENT SLOPES	WADENA	No	---	---	---	---	---	375
	ESTHERVILLE	No	---	---	---	---	---	20
135: COLAND CLAY LOAM, 0 TO 2 PERCENT SLOPES	COLAND	Yes	flood plain	2B3	YES	NO	NO	10,379
	OTHER	Yes	flood plain	4	NO	YES	NO	546
136B: ANKENY FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES	ANKENY	No	---	---	---	---	---	640
138B: CLARION LOAM, 2 TO 5 PERCENT SLOPES	CLARION	No	---	---	---	---	---	61,629
	NICOLLET	No	---	---	---	---	---	3,625
	SANDY OR GRAVELLY KNOBS	No	---	---	---	---	---	3,625
	STORDEN	No	---	---	---	---	---	3,625
138C: CLARION LOAM, 5 TO 9 PERCENT SLOPES	CLARION	No	---	---	---	---	---	621
	SANDY OR GRAVELLY KNOBS	No	---	---	---	---	---	34
	STORDEN	No	---	---	---	---	---	34
138C2: CLARION LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	CLARION	No	---	---	---	---	---	19,722
	STORDEN	No	---	---	---	---	---	1,038
138D2: CLARION LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	CLARION	No	---	---	---	---	---	2,000

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
168B: HAYDEN LOAM, 2 TO 5 PERCENT SLOPES	HAYDEN	No	---	---	---	---	---	904
	CORDOVA	Yes	ground moraine	2B3	YES	NO	NO	50
	OTHER	Yes	pothole	2B3,3	YES	NO	YES	50
168C: HAYDEN LOAM, 5 TO 9 PERCENT SLOPES	HAYDEN	No	---	---	---	---	---	1,065
168E: HAYDEN LOAM, 9 TO 18 PERCENT SLOPES	HAYDEN	No	---	---	---	---	---	220
	GRAVELLY OUTWASH	No	---	---	---	---	---	24
168F: HAYDEN LOAM, 18 TO 25 PERCENT SLOPES	HAYDEN	No	---	---	---	---	---	626
	GRAVELLY OUTWASH	No	---	---	---	---	---	70
175: DICKINSON FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	DICKINSON	No	---	---	---	---	---	337
	OTHER	No	---	---	---	---	---	18
175B: DICKINSON FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES	DICKINSON	No	---	---	---	---	---	522
	OTHER	No	---	---	---	---	---	28
175C: DICKINSON FINE SANDY LOAM, 5 TO 9 PERCENT SLOPES	DICKINSON	No	---	---	---	---	---	220
	CLARION	No	---	---	---	---	---	12
	ZENOR	No	---	---	---	---	---	12
201B: COLAND-TERRIL COMPLEX, 1 TO 5 PERCENT SLOPES	COLAND	Yes	flood plain	2B3	YES	NO	NO	2,174
	TERRIL	No	---	---	---	---	---	1,004
	OTHER	Yes	flood plain	4	NO	YES	NO	167
202: CYLINDER LOAM, 24 TO 32 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	CYLINDER	No	---	---	---	---	---	162
	OTHER	Yes	outwash terrace	2B3	YES	NO	NO	8

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Story County, Iowa

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203: CYLINDER LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	CYLINDER	No	---	---	---	---	---	489
	OTHER	Yes	outwash terrace	2B3	YES	NO	NO	26
221: PALMS MUCK, 0 TO 1 PERCENT SLOPES	PALMS	Yes	pothole	3,1	NO	NO	YES	370
	OTHER	No	---	---	---	---	---	20
236B: LESTER LOAM, 2 TO 5 PERCENT SLOPES	LESTER	No	---	---	---	---	---	4,204
	OTHER	No	---	---	---	---	---	221
236C: LESTER LOAM, 5 TO 9 PERCENT SLOPES	LESTER	No	---	---	---	---	---	1,024
	OKOBOJI	Yes	pothole	2B3,3	YES	NO	YES	60
	WEBSTER	Yes	ground moraine	2B3	YES	NO	NO	60
	CORDOVA	Yes	ground moraine	2B3	YES	NO	NO	36
	ZENOR	No	---	---	---	---	---	24
236C2: LESTER LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	LESTER	No	---	---	---	---	---	910
	STORDEN	No	---	---	---	---	---	54
	ZENOR	No	---	---	---	---	---	54
	CORDOVA	Yes	ground moraine	2B3	YES	NO	NO	21
	OKOBOJI	Yes	pothole	2B3,3	YES	NO	YES	21
	WEBSTER	Yes	ground moraine	2B3	YES	NO	NO	11
236D: LESTER LOAM, 9 TO 14 PERCENT SLOPES	LESTER	No	---	---	---	---	---	274
	STORDEN	No	---	---	---	---	---	15
	ZENOR	No	---	---	---	---	---	15
236D2: LESTER LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	LESTER	No	---	---	---	---	---	450
	STORDEN	No	---	---	---	---	---	25
	ZENOR	No	---	---	---	---	---	25

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236E: LESTER LOAM, 14 TO 18 PERCENT SLOPES	LESTER	No	---	---	---	---	---	400
	STORDEN	No	---	---	---	---	---	22
	ZENOR	No	---	---	---	---	---	22
236F: LESTER LOAM, 18 TO 25 PERCENT SLOPES	LESTER	No	---	---	---	---	---	3,560
	COLAND	Yes	flood plain	2B3	YES	NO	NO	198
	TERRIL	No	---	---	---	---	---	198
253B: FARRAR FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES	FARRAR	No	---	---	---	---	---	1,278
	CLARION	No	---	---	---	---	---	71
	STORDEN	No	---	---	---	---	---	71
259: BISCAY CLAY LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	BISCAY	Yes	outwash terrace	2B3	YES	NO	NO	2,731
	OTHER	Yes	pothole	3,2B3	YES	NO	YES	144
274: ROLFE LOAM, 0 TO 1 PERCENT SLOPES	ROLFE	Yes	pothole	2B3,3	YES	NO	YES	245
284: FLAGLER SANDY LOAM, 0 TO 2 PERCENT SLOPES	FLAGLER	No	---	---	---	---	---	527
	WADENA	No	---	---	---	---	---	28
284B: FLAGLER SANDY LOAM, 2 TO 5 PERCENT SLOPES	FLAGLER	No	---	---	---	---	---	660
288: OTTOSEN CLAY LOAM, 1 TO 3 PERCENT SLOPES	OTTOSEN	No	---	---	---	---	---	2,133
	OTHER	Yes	ground moraine	2B3	YES	NO	NO	112
356G: HAYDEN-STORDEN LOAMS, 25 TO 50 PERCENT SLOPES	HAYDEN	No	---	---	---	---	---	1,212
	STORDEN	No	---	---	---	---	---	808
386: CORDOVA CLAY LOAM, 0 TO 2 PERCENT SLOPES	CORDOVA	Yes	ground moraine	2B3	YES	NO	NO	783

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	OTHER	No	---	---	---	---	---	87
388: KOSSUTH SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	KOSSUTH	Yes	ground moraine	2B3	YES	NO	NO	5,871
	OTHER	Yes	pothole	3,2B3	YES	NO	YES	309
485: SPILLVILLE LOAM, 0 TO 2 PERCENT SLOPES	SPILLVILLE	No	---	---	---	---	---	6,042
	OTHER	Yes	flood plain	2B3	YES	NO	NO	318
506: WACOUSTA SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	WACOUSTA	Yes	pothole	2B3,3	YES	NO	YES	300
507: CANISTEO CLAY LOAM, 0 TO 2 PERCENT SLOPES	CANISTEO	Yes	ground moraine	2B3	YES	NO	NO	24,567
	OTHER	Yes	pothole	2B3,3	YES	NO	YES	1,293
536: HANLON FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	HANLON	No	---	---	---	---	---	320
	OTHER	Yes	flood plain	2B3	YES	NO	NO	36
559: TALCOT CLAY LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	TALCOT	Yes	outwash terrace	2B3	YES	NO	NO	1,930
638C2: CLARION-STORDEN LOAMS, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	CLARION	No	---	---	---	---	---	5,535
	STORDEN	No	---	---	---	---	---	4,428
	OTHER	No	---	---	---	---	---	1,107
638D2: CLARION-STORDEN LOAMS, 9 TO 14 PERCENT SLOPES, MODERATELY ERODE	CLARION	No	---	---	---	---	---	1,768
	STORDEN	No	---	---	---	---	---	1,414
	OTHER	No	---	---	---	---	---	354
828B: ZENOR SANDY LOAM, 2 TO 5 PERCENT SLOPES	ZENOR	No	---	---	---	---	---	842
	STORDEN	No	---	---	---	---	---	148

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828C2: ZENOR SANDY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	ZENOR	No	---	---	---	---	---	506
	STORDEN	No	---	---	---	---	---	89
956: HARPS-OKOBOJI COMPLEX, 0 TO 2 PERCENT SLOPES	HARPS	Yes	ground moraine	3,2B3	YES	NO	YES	2,346
	OKOBOJI	Yes	pothole	3,2B3	YES	NO	YES	1,564
1178: WAUKEE VARIANT LOAM, 0 TO 2 PERCENT SLOPES	WAUKEE VARIANT	No	---	---	---	---	---	380
1314: HANLON-SPILLVILLE COMPLEX, CHANNELED, 0 TO 2 PERCENT SLOPES	HANLON	No	---	---	---	---	---	1,470
	SPILLVILLE	No	---	---	---	---	---	735
	OTHER	Yes	flood plain	4	NO	YES	NO	122
	OTHER	Yes	oxbow	3,2B3	YES	NO	YES	122
1585: SPILLVILLE-COLAND COMPLEX, CHANNELED, 0 TO 2 PERCENT SLOPES	SPILLVILLE	No	---	---	---	---	---	117
	COLAND	Yes	flood plain	2B3	YES	NO	NO	58
	OTHER	Yes	oxbow	2B3,3	YES	NO	YES	10
	OTHER	Yes	flood plain	4	NO	YES	NO	10
4000: URBAN LAND	URBAN LAND	Unranked	---	---	---	---	---	310
5010: PITS, GRAVEL	PITS	Unranked	---	---	---	---	---	265
5030: PITS, QUARRY	PITS	Unranked	---	---	---	---	---	170
5040: ORTHENTS, LOAMY	ORTHENTS	Unranked	---	---	---	---	---	1,770
5050: ORTHENTS, SANDY	ORTHENTS	Unranked	---	---	---	---	---	80
5060: PITS, CLAY	PITS	Unranked	---	---	---	---	---	20
W: WATER	WATER	Unranked	---	---	---	---	---	905